

SEQUENCE LISTING

<110> Qin, Ning

Codd, Ellen

D'Andrea, Michael

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<120> DNAs encoding human beta1a sodium channel subunit

<130> ORT-1221

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:

oligonucleotide primer

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oligonucleotide primers for Northern blot analysis

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oligonucleotide primers for Northern blot analysis

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<212> DNA

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25 <211> 268

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35 Gly Met Thr Phe Lys Ile Leu Cys Ile Ser Cys Lys Arg Arg Ser Glu
   35             40             45

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Thr Asn Ala Glu Thr Phe Thr Glu Trp Thr Phe Arg Gln Lys Gly Thr
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Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
 85 90 95

10 Gly Thr Lys Asp Leu Gln Asp Leu Ser Ile Phe Ile Thr Asn Val Thr
 100 105 110

Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
 15 115 120 125

Phe Glu Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Ile
 130 135 140

20 Glu Val Val Asp Lys Gly Glu Ser Gly Ala Ala Cys Pro Phe Thr Val
 145 150 155 160

Thr His Arg Arg Ala Arg Trp Arg Asp Arg Trp Gln Ala Val Asp Arg
 165 170 175

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 180 185 190

Glu Gly Glu Gly Ser Ser Pro Ser Cys Pro Leu Gln Leu Trp Pro Leu
 30 195 200 205

Phe Leu Ser Ser Pro Arg Arg Gly Gln Ser Met Pro Val Pro His Arg
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35 Arg Ser Gly Tyr Arg Thr Gln Leu Cys His Leu Cys Cys Met Thr Ser
 225 230 235 240

Gly Ile Ile Ile Arg Cys Val Ser Arg Gly Val Val
5 260 265

[illegible]